



This is to certify that

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successfully completed and received a passing grade in

Data Visualization with Python (DV0101EN, provided by IBM)

A course on cognitive class.ai Powered by IBM Developer Skills Network.

> Issued by Cognitive Class

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Authenticity of this certificate can be validated by going to:

httns://courses.cognitiveclass.ai/certificates/510c34016fae4h9d8c0de8d12e7f0f7h